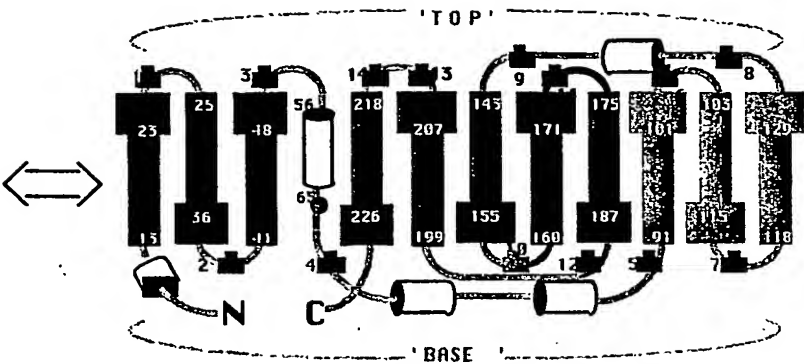


Figure 1
A



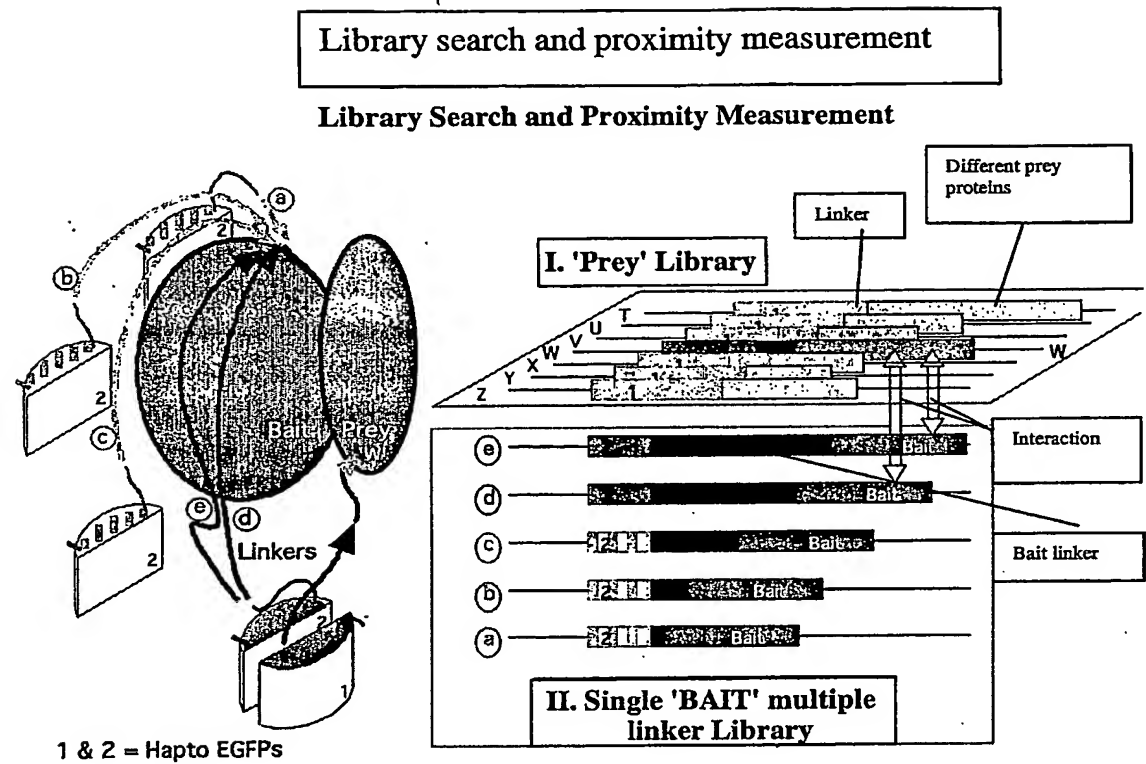
B

Possible split points in EGFP considered for hapto formation.

No.	Position	Top/ Bottom	>-----Sequence----->
1	23/24	T	...D V N G [↓] H K F S...
2	38/39	B	...G D A T [↓] Y G K L...
3	50/51	T	...I C T T [↓] G K L P...
4	76/77	B	...R Y P D [↓] H M K Q...
5	89/90	B	...S A M F [↓] E G Y V...
6	102/103	T	...F F K D [↓] D G N Y...
7	116/117	B	...K F E G [↓] D T L Y...
8	132/133	T	...D F K E [↓] D G N I...
9	142/143	T	...H K L E [↓] Y N Y N...
10	157/158	B	...A D K Q [↓] K N G I...
11	172/173	T	...H N I E [↓] D G S V...
12	190/191	B	...P I G D [↓] G P V L...
13	211/212	T	...S K D P [↓] N E K R...
14	214/215	T	...P N E K [↓] R D H M...

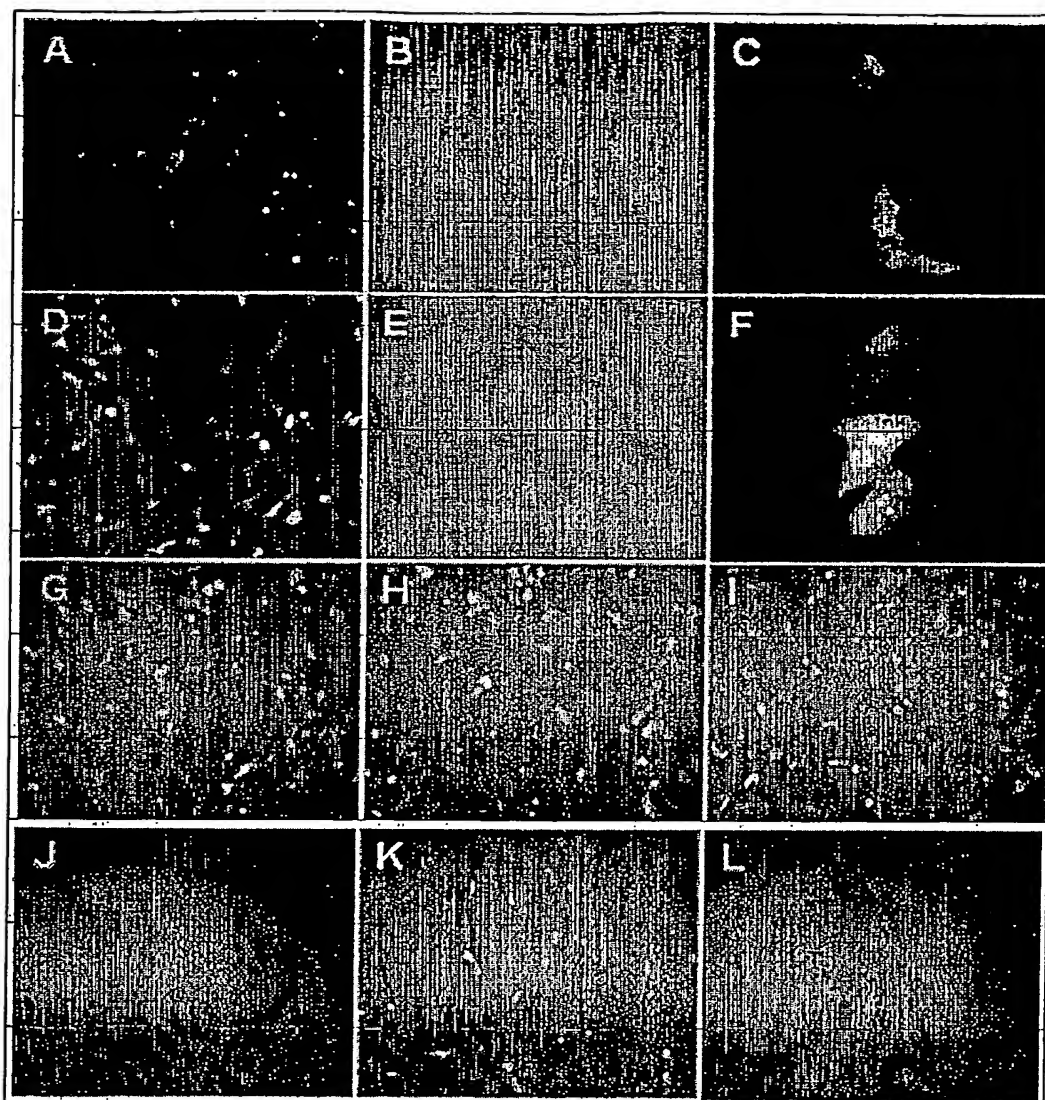
Key: Residues at the new, internal C- and N-termini (C' & N') are shown in bold with ↓ between them. Adjacent hydrophobic residues are in *italics*.
The colours in the vertical bar correspond to the structural motifs of the cartoon.

Figure 2



3/4

Figure 3



Fluorescent images of Vero cells transiently cotransfected with haptoEGFP expression constructs:

4/4

Figure 4

Fluorescence

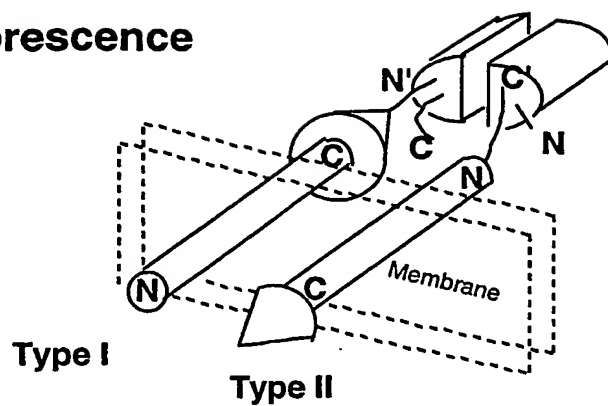


Figure 4A

No Fluorescence

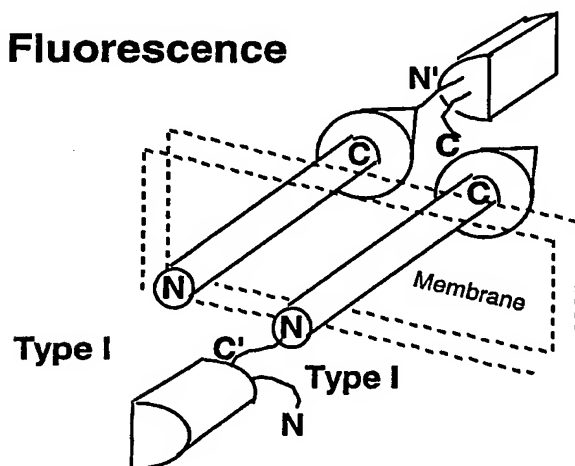


Figure 4B